



***“The Intellectual Center
of the Army”***



Future Live Training Needs for a Realistic, Complex Training Environment

TRADOC Capability Manager Live
LTC Barrett King, Director, TCM Live

TRADOC Capability Manager Ranges
Mr Thomas Scarbath, Director, TCM Ranges



AMERICA'S ARMY

OUR PROFESSION – LIVING THE ARMY ETHIC

Live Training Requirements Training Operational Environment

CHALLENGES

- Replication of weapon systems and munitions
- Shared Common Terrain
- Network size

Training Instrumentation
System (T-IS)

FIELD TOC

CTC ExCon /
Homestation/
Live Fire Range Ops
Center

O/Cs

FORCE-ON-FORCE

Army Tactical Engagement
Simulation System
(A-TESS)

FORCE-ON-TARGET

URBAN
OPERATIONS

BATTLEFIELD
EFFECTS

ExCon & Comms

AAR, RF Comms, ABCS, & Network
Data Management
Programs: CTC-IS, HITS, JPMRC-IS

Simulated Fire

Combined Arms Engagement
Pairing BLUFOR & OPFOR
Program: IMILES (CVS, TVS, IWS,
SLM, WITS, BCM, UCD)

Live Fire

Instrumented Urban Operations
& Battlefield Effects



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Live Training Requirements Training Operational Environment

"The best form of welfare for the troops is first-class training, for this saves unnecessary casualties." Field Marshall Rommel

"The AAR capability is impressive and provided the cause and effect needed to generate good discussion."

BN Cdr, Ft. Hood; training at Homestation

FORCE-ON-FORCE

"Don't they know there is a Battalion 6 raining down?"

Fire Support Officer ref Artillery barrage

"Gets us in the box quicker and works!" BDE Cdr, Ft. Carson @ NTC

"I use it like a direct fire weapon instead of lobbing it."

Squad leader in ref to the MK19

FORCE-ON-TARGET

"The DAGIR gives us vital information that we do not get at other ranges"

BDE Master Gunner, 1AD CAB

"The Robotic Human Type Targets allow our students to collect data on moving targets at an exact speed while easily changing the target speed and angle as student ability increases."

Sniper Senior Instructor, MCoE

Training Instrumentation
System (T-IS)

Army Tactical Engagement
Simulation System (A-TESS)



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Questions...

U.S. Army Combined Arms Center and Fort Leavenworth

"We cannot expect to capture the imagination of combat-seasoned forces that have been in some of the most complex environments imaginable for almost a decade by sitting them in a classroom and bludgeoning them with PowerPoint slides. We must make the 'scrimmage' as hard as the 'game' in both the institutional schoolhouse and at home station."

-- General Martin E. Dempsey



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